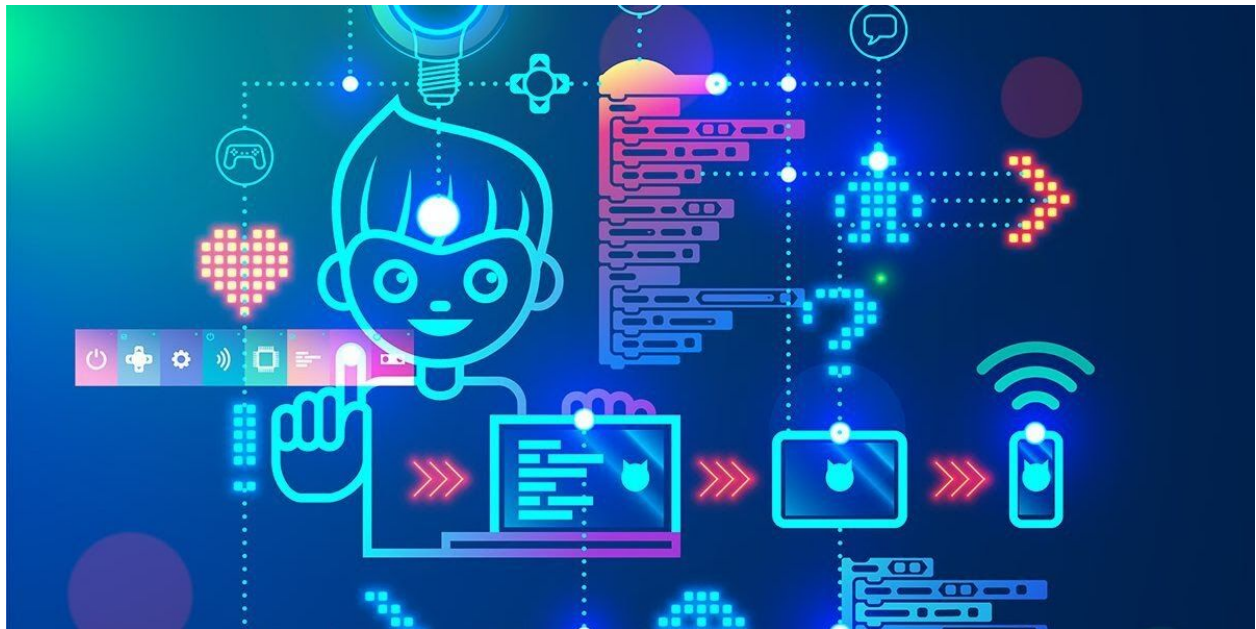




Importance of Learning Python for Kids



Programming has become a fundamental skill in the 21st century. Its uses are not only limited to computer science but a wide array of fields. We believe that the 7th-grade kids are mentally capable to [learn python online](#), begin their programming journey, develop interest, be comfortable in handling large chunks of data and also solve complex problems.

Python is one of the leading programming languages and is applied in the fastest growing areas like data science, machine learning, artificial intelligence, game development, web development and more. It is one of the most versatile and popular programming languages. Popular web applications like YouTube, Instagram and the famous search engine Google are built on Python.

Today we are aware of a wide array of programming languages; each serves a different function for different applications. These languages differ in terms of complexity and their application in the web world. So, if a kid piques interest in programming and is eager to learn more about programming languages like Python, then it is the perfect time to nurture this interest. To start a child's journey in the programming field is quite easy. However, to keep the child interested and motivated to learn advanced programming skills is certainly not a piece of cake. Children need expert guidance to learn such an advanced language along with the thoughtfully curated curriculum and tutelage.

Why is Python language considered a perfect starter for Kids?

- Ideal for beginners.

Python is comparatively simpler and easier to learn than other programming languages. It has a quite clear and straightforward syntax. Hence, it is considered a good start for beginners.

- Free to Install and Accessible.

Your child can easily learn Python online from the comfort of your home as Python is available online and can be installed on a PC or a laptop. Other languages are not this accessible as they are a little harder to install for the kids. Python is a free open source programming language and it does not charge you anything.

- Python community is multiplying.

Python has gained popularity in the programming community over the few years because of its broad set of applications. It is also expected to remain popular in the coming years. Therefore, if your child knows Python Coding, he/she may encounter a lot of career opportunities in the future.

Several online communities interact to discuss Python code problems. These communities can act as secondary teachers for the eager kids to learn about the language. The communities are a great additional resource for education. Kids can learn the trendy practices, ask for help if they get stuck, learn to solve problems and repeat to become dedicated coders in the future.

Future opportunities for python learners

Python programmers can and will undoubtedly receive many prospective career opportunities in the future related to data, statistical methods and algorithms, like:

- Data Scientist and Machine Learning & Artificial Intelligence Data Analyst is someone who analyses data to gain data-driven insights.
- Python Programmer is responsible for developing different applications with Python programming language.
- Game Developer, as the name itself, suggests, develops games by using the programming language like Python along with their own creativity as it has libraries that support game development.

To teach any new skill to kids, it needs to be broken down into smaller steps to make it simple & easier for them to grasp. Python language is based upon plain and simple English commands. Learning python will help the kid attain a more practical and structured approach towards the English language along with the obvious advantages of knowing a popular programming language. Python also plays a role in enhancing a child's critical and logical thinking that may help them to instantly come up with efficient solutions for unseen problems.

Python should be the first programming language for children who are interested in learning to program. Kids can be introduced to the world of programming in 7th or 8th grade. We at RoboGems firmly believe that curious and interested kids can learn Python online as soon as they learn to type on the keyboard.

Why RoboGems?

RoboGems provides [online coding courses](#) in Python language. Our dedicated pedagogy and practical teaching approach help children understanding the programming language while having fun. They will learn to apply the principles of computational thinking in real-life scenarios to solve problems through our hands-on projects.

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